

Paper No. 3
(11 pages)
Drawings
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original spec.

United States Patent [19]

Kim et al.

[54] METHOD FOR FILLING CONTACT HOLES
WITH METAL BY TWO-STEP DEPOSITION

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[21] Appl. No.: 327,887

[22] Filed: Oct. 24, 1994

Related U.S. Application Data

[63] Continuation of Ser. No. 964,362, Oct. 21, 1992, abandoned.

[30] Foreign Application Priority Data

Oct. 21, 1991 [KR] Rep. of Korea 91-18500

[51] Int. Cl.⁶ H01L 21/28

[52] U.S. Cl. 437/192; 437/195; 437/981

[58] Field of Search 437/192, 195,
437/189, 190, 981

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[45] Date of Patent: Nov. 4, 1997

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Method for filling contact holes with metals by two-step deposition of selective tungsten layer is disclosed. The selective tungsten thin films are deposited in two steps, thus maximizing the contact filling with tungsten, gaining a stability of metal wires with better step coverage, and enhancing the reliability on semiconductor element.

5 Claims, 3 Drawing Sheets